

Date: Thursday, 02/04/2009 2:25:04 PM
 User: Julie Dawson

Process Sheet

Customer	: CU-DAR001 Dart Helicopters Services	Drawing Name	: FRAME
Job Number	: 46828		
Estimate Number	: 13825		
P.O. Number	:	Part Number	: D225223
This Issue	: 02/04/2009 S.O. No. :	Drawing Number	: D2252 REV G
Prsht Rev.	: NC	Project Number	: N/A
First Issue	: / / Type : LARGE FAB ASSY	Drawing Revision	: G
Previous Run	:	Material	:
Written By	:	Due Date	: 14/04/2009 Qty: 1 Um: Each
Checked & Approved By	: <u>JUD 09-04-07</u>		
Comment	: Est Rev:A 09.03.18 New Issue EC verified by:DD		

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description :

1.0

M304TS0750W065

304 SQ Tube .75x.75x.065W



Comment: Qty.: 2.6775 f(s)/Unit Total : 2.6775 f(s)

304 SQ Tube .75x.75x.065W

batch: M111142SAD 09-04-07

2.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

1- Cut as per dwg D2252

2- Deburr and remove identification markings on tube

SAD 09-04-07 (1)

3.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

JUD 09-04-07 (1)

4.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: BasketPD 09-04-07 (1)

5.0

QC21

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE

09/04/08

Job Completion

W 09-04-07

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

ITEM	QTY -041	QTY -043	PART NUMBER	DESCRIPTION
1	X		D2252-041	BASKET ASSEMBLY
3		X	D2252-043	LID ASSEMBLY
7	2	2	D2221-1	RIB
8	5		D2235-1	RIB
9	2	2	D2252-1	FRAME
10		2	D2252-7	FRAME
11	1		D2252-9	FRAME
12	1		D2252-11	FRAME
13	1		D2252-13	FRAME
14	1		D2252-15	FRAME
15	4		D2252-17	FRAME
16		1	D2252-23	FRAME
17	2		D2253-1	LUG
18	2		D2254	GUSSET
19	1	1	D2327-3	BUSHING
20		1	D2329	LABEL PLATE
21	4	2	D2581	MOUNTING CHANNEL
22		2	D2989-19	RIB
23	3		D3748-1	HINGE HALF
24		3	D3749-1	HINGE HALF

G

G

G

G

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09/02/18

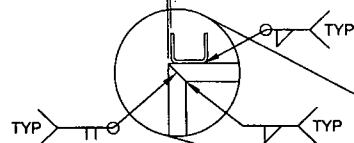
NOTES:

- 1) FRAME MATERIAL: AISI 304/316 SS, 3/4 x 3/4 x 0.065 WALL SQUARE TUBING
REF. DART SPEC M304TS0.750W.065
- 2) MESH MATERIAL: 3/4-16F EXPANDED SS
REF DART SPEC M304EX0.75-16F
- 3) FINISH: POWDER COAT ASSEMBLY GLOSS WHITE (4.3.5.2) PER DART QSI 005 4.3
- 4) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) BREAK SHARP EDGES: N/A
- 7) IDENTIFICATION: N/A
- 8) WEIGHT: N/A
- 9) WELDING: PER DART QSI 004

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G	ADDED 'ITEM' COLUMN TO PARTS LIST; ADDED NOTE 10 ON SHT 2; ITEMS 23 AND 24 REPLACE D2232-1/-3; STRETCHED LID FROM 95.27" TO 96.00"; ITEM 7 REPLACES D2252-3/-19; ITEM 19 (ON LID) REPLACES D2327-1; ITEM 22 REPLACES D2252-21; UPDATED TOOLING (ZN A6-5). P/N REASON: SEE PAR#09-006.	MB	09.02.03
F	DRAWING UPDATED TO CURRENT STANDARDS. SHT 6 ADDED. SHT 2 VIEWS INVERTED FOR CLARITY. FRAME MATERIAL THICKNESS WAS 0.060.	AJS	08.08.11
E	INCORPORATED D1 & D2. ADDED D2231-1/-3 & D2252-19.	MB	05.11.10
D	MODIFIED LATCH, D2581 WAS D2255-3	BK	99.09.14
C	RE-DRAWN	BK	95.12.11
REV.	DESCRIPTION	BY	DATE
DESIGN	JB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. G
MFG. APPR.		D2252	SHEET 1 OF 6
APPROVED		TITLE	SCALE
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10 0.13
2 PL, REF



WELD ALL JOINTS
AS SHOWN

D2252-1

D2221-1

D2252-7
D2252-23

D2252-1

25.50
REF

D2327-3
REF
SEE DETAIL F
B2-5

31.19

D2989-19

31.19

D2581

TYP

D2581

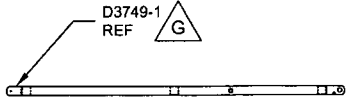
30.00
9

34.50
9

30.00
REF
9

96.00±0.13

D3749-1
REF



A

A D7-5

D2252-043 LID FRAME

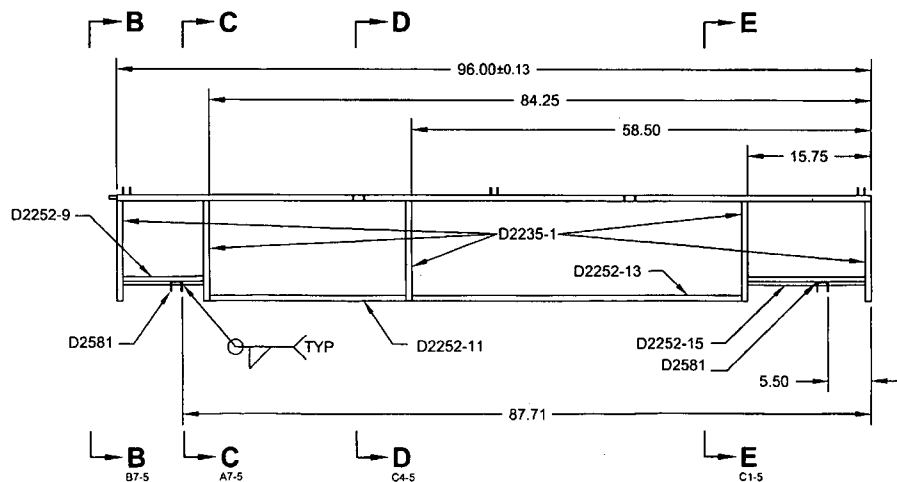
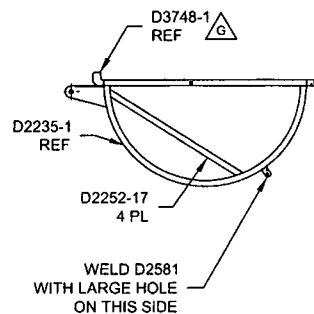
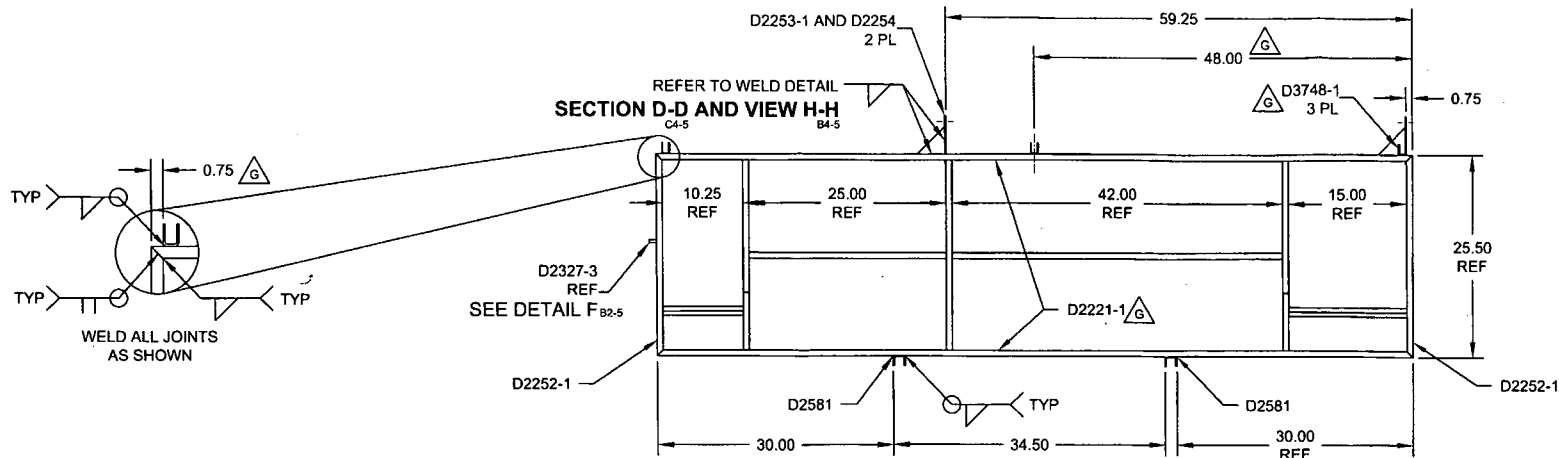
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LID FRAME NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) WELDING: PER DART QSI 004
- 9) ALIGN WITH ADJACENT D2581 ON BASE
- 10) CENTER D3749-1 HINGE HALF ON D3748-1 HINGE HALF LOCATED ON D2252-041 BASKET BASE ASSEMBLY

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DESIGN	JB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
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DATE	09.02.03		



D2252-041 BASE FRAME ASSEMBLY

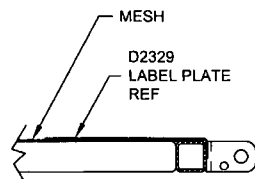
BASE FRAME NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) WELDING: PER DART QSI 004

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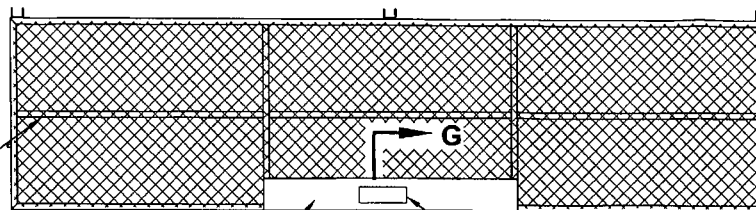
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SECTION G-G C34
ROTATED 90° CCW

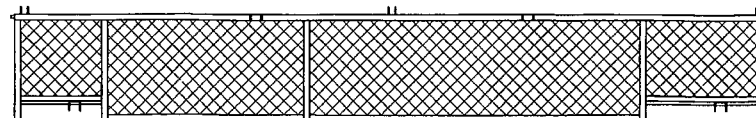
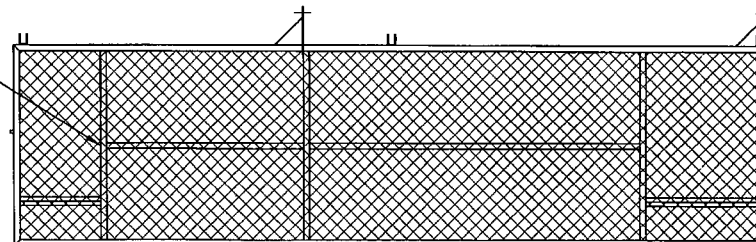
TACK WELD EACH
STRAND END OF
STEEL MESH TO FRAME



D2329 LABEL PLATE
CENTER ON THE
BASKET LID

REMOVE 2" X 6" SECTION
OF MESH FROM BEHIND
LABEL PLATE

D2252-043 LID ASSEMBLY

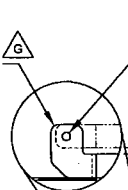


D2252-041 BASE ASSEMBLY

D3748-1
3 PL, REF

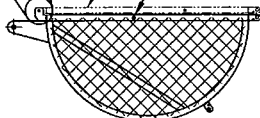
TRANSFER MARK FROM D3749-1
HINGE HALF ON D2252-043 LID ASSY,
DRILL Ø0.261 THRU

0.200
PRIOR TO DRILLING Ø0.261
HOLE THRU D3748-1 AND D3749-1



D2252-043
REF

TRIM MESH LOCALLY
AS REQUIRED



ASSEMBLY NOTES:

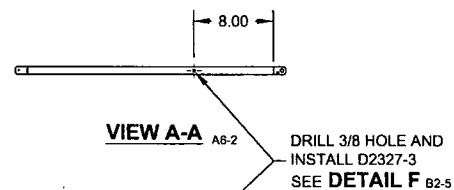
- 1) MATERIAL: SEE SHEET 1 FOR MESH MATERIAL
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) WELDING: PER DART QSI 004

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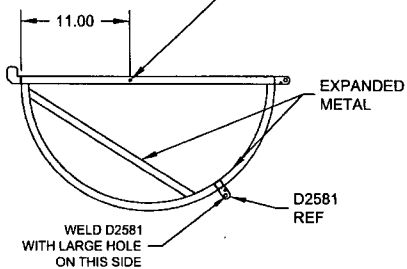
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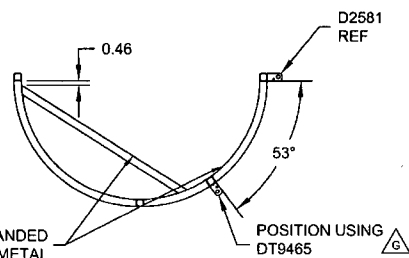
D



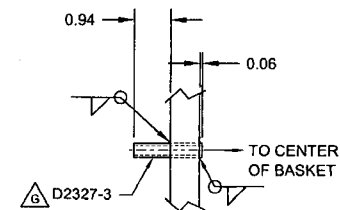
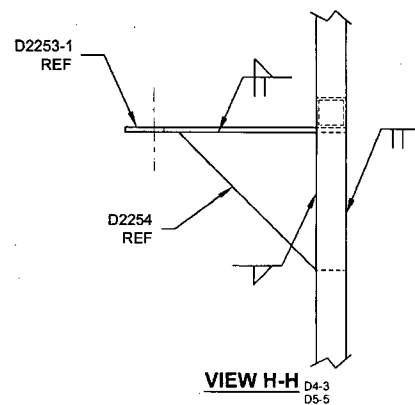
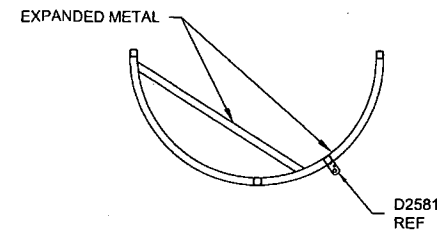
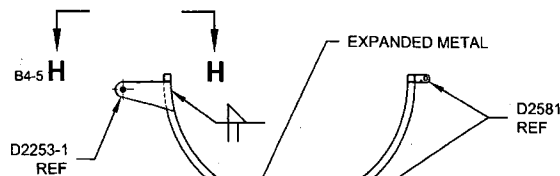
C



B



A



SPACER INSTALLATION C6-2

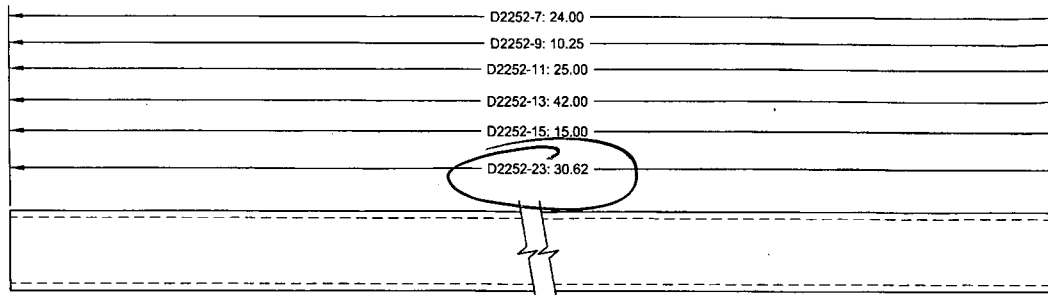
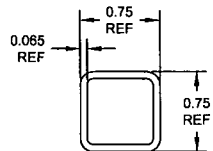
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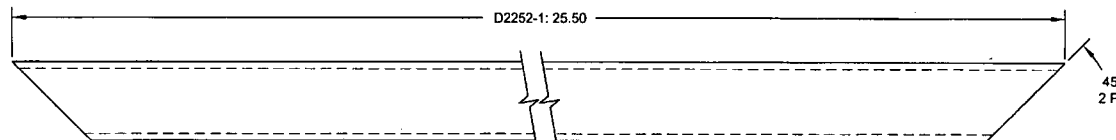
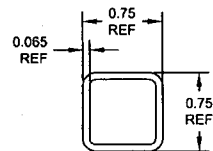
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7 6 5 4 3 2 1

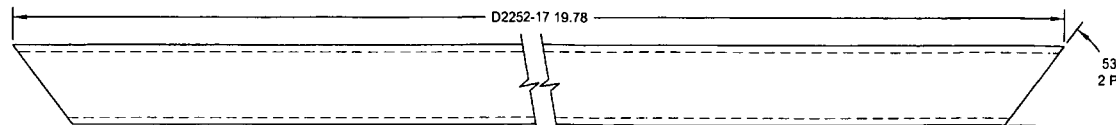
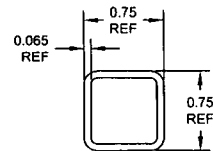
8 7 6 5 4 3 2 1



D2252-7 FRAME
D2252-9 FRAME
D2252-11 FRAME
D2252-13 FRAME
D2252-15 FRAME
D2252-23 FRAME



D2252-1 FRAME



D2252-17 FRAME

RELEASED
8/24/84

NOTES:

- 1) FRAME MATERIAL: SEE SHEET 1
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

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8 7 6 5 4 3 2 1